

## Product datasheet for **RN203220**

### **Smyd3 (NM\_001025762) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Smyd3 (NM_001025762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smyd3
Synonyms:	MGC114517
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN203220 representing NM\_001025762  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCCC

ATGGAGTTCTGAAGGTGAAAAGTTACGACTGCCGACCGGGAAACGGGCTGCGCGCTGTGGCCCCAC  
 TGCGCCCGGGGAGCTGCTCTTCCGCTCCGACCCCTTGGCTTACACTGTGAGCAAGGGGAGTCGTGGCGT  
 CGTTTGGGATCGCTGCCTCCTGGGAAGGAAAAGCTGATGCGGTGTTCTCAATGCCGATTGCCAAATAC  
 TGCAGCGCAAGTGTGAGAAAAAGCTGGCCGGACCACAAGCGGGAATGCAAAATGCCTCAAAGCTGCA  
 AACCCAGGTATCCGCCGACTCCGTGAGACTTCTGGCAGGGTAGTCGTCAAAGTATGGATGGCAAGCC  
 GTCAGAGTCAGAGAACTTTATTCCTTTTATGATCTGGAGTCCAATATTAGCAAACCTCACTGAAGATAAG  
 AAAGAGGGCTGAGGCAACTCGCAATGACATTTCAACATTTTCATGAGAGAAGAAATACAGGACGCTTCTC  
 AGCTGCCGCTTCTTTTGACCTTTTGAAGCCTTCGAAAAGTGTCTGCAACTCATTACCATCTGCAA  
 TGGCGAGATGCAGGAGGTGGCGTTGGCCTGTACCCAGTATGTCTTTGCTGAATCACAGCTGTGACCCC  
 AACTGCTCCATTGTGTTCAACGGGCCACCTTACTTCGTGCCGTGCGAGAAATTGAGGCAGGAGAGG  
 AGCTCACTATCTGCTACCTGGACATGCTGATGACCAGCGAGGAACGCCGGAAGCAGCTGAGGGATCAGTA  
 CTGCTTTGAGTGTGACTGCATCCGATGCCAAACACAGGACAAGGATGCTGATATGCTGACGGGTGACGAG  
 CAAATATGGAAGGAGGTTCAAGAATCACTGAAAAAGATCGAAGAGCTGAAGGCGCACTGGAAGTGGGAAC  
 AGGTTCTGGCCCTGTGCCAGGCGATCATAAACAGCAACTCGGAACGTCTTCCCGACATCAACATCTACCA  
 GCTGAAGTGTCTGACTGTGCCATGGACGCTGCATCAACCTGGGGATGCTGGAGGAGGCGCTGTCTAT  
 GCCATGCGCACCATGGAGCCGTACCGGATTTTTTCCCTGGAAGCCATCCTGTGAGAGGTGTGCAAGTGA  
 TGAAAGTTGGCAAGCTGCAGCTCCATCAAGGCATGTTTCCCAAGCCATGAAGAATCTGCCGCTGGCCTT  
 TGACATTATGAAAGTGACCCACGGCCGAGCACAGCTTGATTGAAGATTTGATTCTTCTCCTGGAAGAA  
 TGTGATGCCAACATCAGAGCTTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI

**ACCN:** NM\_001025762

**Insert Size:** 1287 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** NM\_001025762.1, NP\_001020933.1

RefSeq Size: 1585 bp  
RefSeq ORF: 1287 bp  
Locus ID: 498295  
Cytogenetics: 13q26